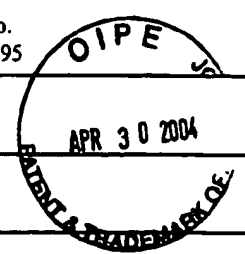
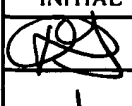



Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23701		Serial No. 10/646,895	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA			
				Filing Date August 25, 2003		Group 2851	



U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	YEAR	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	2004	/0	0	4	2	0	9	5	03/04/04	NOMURA	1		
	2004	/0	0	4	2	0	9	3	03/04/04	NOMURA	1		
	2004	/0	0	6	2	5	3	6	04/01/04	NOMURA	1		
	2004	/0	0	5	1	9	6	8	03/18/04	NOMURA	1		
	2004	/0	0	5	1	9	7	0	03/18/04	NOMURA	1		
	2004	/0	0	6	2	5	3	7	04/01/04	NOMURA	1		
	2004	/0	0	5	1	9	7	2	03/18/04	NOMURA	1		
	2004	/0	0	4	2	0	9	1	03/04/04	NOMURA	1		
	2004	/0	0	4	2	0	8	9	03/04/04	NOMURA	1		
	2004	/0	0	5	1	9	7	1	03/18/04	NOMURA	1		
	2004	/0	0	4	2	7	7	7	03/04/04	NOMURA	1		
	2004	/0	0	4	2	7	7	8	03/04/04	NOMURA	1		
	2004	/0	0	5	1	9	6	9	03/18/04	NOMURA	1		
	2004	/0	0	5	1	9	6	7	03/18/04	NOMURA	1		
	2004	/0	0	4	2	7	7	5	03/04/04	NOMURA	1		
	2004	/0	0	4	2	0	9	6	03/04/04	NOMURA	1		
	2004	/0	0	4	2	0	9	0	03/04/04	NOMURA	1		
	2004	/0	0	4	2	7	7	6	03/04/04	NOMURA	1		
	2004	/0	0	5	1	9	8	1	03/18/04	NOMURA	1		
	2004	/0	0	4	2	0	9	2	03/04/04	NOMURA	1		
		6	3	6	6	3	2	3	04/02/02	SHONO	1		
		6	1	1	5	1	9	0	09/05/00	HIRAI	1		
		6	0	6	4	5	3	3	05/16/00	KENIN et al.	1		
	2003	/0	0	8	1	3	2	5	05/01/03	NOMURA et al.	1		
	2001	/0	0	2	4	5	7	3	09/27/01	NOMURA et al.	1		
	2002	/0	1	3	5	9	0	0	09/26/02	NOMURA et al.	1		
		6	0	7	5	6	5	5	06/13/00	FUNAHASHI	1		

EXAMINER: 	DATE CONSIDERED: 9/28/04
---	--------------------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23701		Serial No. 10/646,895						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA								
				Filing Date August 25, 2003		Group 2851						
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO			
	58	-	1	0	7	0	8	01/21/83	JAPAN			
	2	3	4	4	6	6	1	06/14/00	UNITED KINGDOM			
	2	2	6	2	3	5	6	06/16/93	UNITED KINGDOM			
	2003	-	2	0	7	7	0	9	07/25/03	JAPAN		
	2	3	0	9	5	5	1	07/30/97	UNITED KINGDOM			
	2	3	4	4	6	6	2	06/14/00	UNITED KINGDOM			
	2	2	6	1	2	9	8	05/12/93	UNITED KINGDOM			
	2002	-	2	7	7	7	1	9	09/25/02	JAPAN		
	10	-	2	8	2	3	9	4	10/23/98	JAPAN		
	58	-	1	6	2	9	1	4	09/27/83	JAPAN		
0	6	3	4	6	8	0	01/18/95	E.P.O.				
10	-	3	2	7	4	0	02/03/98	JAPAN		X		
7	-	2	8	8	7	2	4	10/31/95	JAPAN		X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
	1	English Language Abstract of JP 58-10708.										
	2	English Language Abstract of JP 2003-207709.										
	3	English Language Abstract of JP 2002-277719.										
	4	English Language Abstract of JP 10-282394.										
	5	English Language Abstract of JP 58-162914.										
EXAMINER <u>D. Gray</u>						DATE CONSIDERED <u>9/28/04</u>						
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.												

FEB 24 2004

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23701Serial No.
10/646,895INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicant
Hiroshi NOMURAFiling Date
August 25, 2003Group
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 5 2 5 0 5 0	06/25/85	OHASHI			
	4 6 4 3 5 5 5	02/17/87	WAKABAYASHI			
	4 7 2 1 9 7 2	01/26/88	WAKABAYASHI			
	4 7 9 2 8 2 2	12/20/88	AKIYAMA et al.			
	5 8 1 8 6 4 7	10/06/98	NISHIO et al.			
	6 0 3 1 9 9 8	02/29/00	SHONO			
	4 4 5 1 1 2 9	05/29/84	IKARI et al.			
	4 6 4 3 5 5 4	02/17/87	OGAWA			
	4 7 7 1 3 0 3	09/13/88	MATSUMOYO et al.			
	4 8 8 7 1 0 7	12/12/89	NAKAMURA et al.			
	5 1 3 6 3 2 4	08/04/92	TSUBOI et al.			
	5 7 6 5 0 4 9	06/09/98	HASE et al.			
	5 8 3 2 3 2 6	11/03/98	TANAKA			
	6 3 6 6 3 2 3	04/02/02	SHONO et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	5 8 1 4 5 9 3 0	08/31/83	JAPAN			
	6 1 - 6 9 0 0 2	04/09/86	JAPAN			
	6 1 2 7 0 7 3 7	12/01/86	JAPAN			
	6 3 1 4 9 6 2 9	06/22/88	JAPAN			
	6 4 - 3 4 6 2 3	03/02/89	JAPAN			X
	6 - 1 8 7 7 7	01/28/94	JAPAN			X
	7 - 1 9 1 2 4 9	07/28/95	JAPAN			
	1 1 1 0 9 2 0 3	04/23/99	JAPAN			

JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

9/28/04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.